

1995

## Industrial Resources: Marshall County

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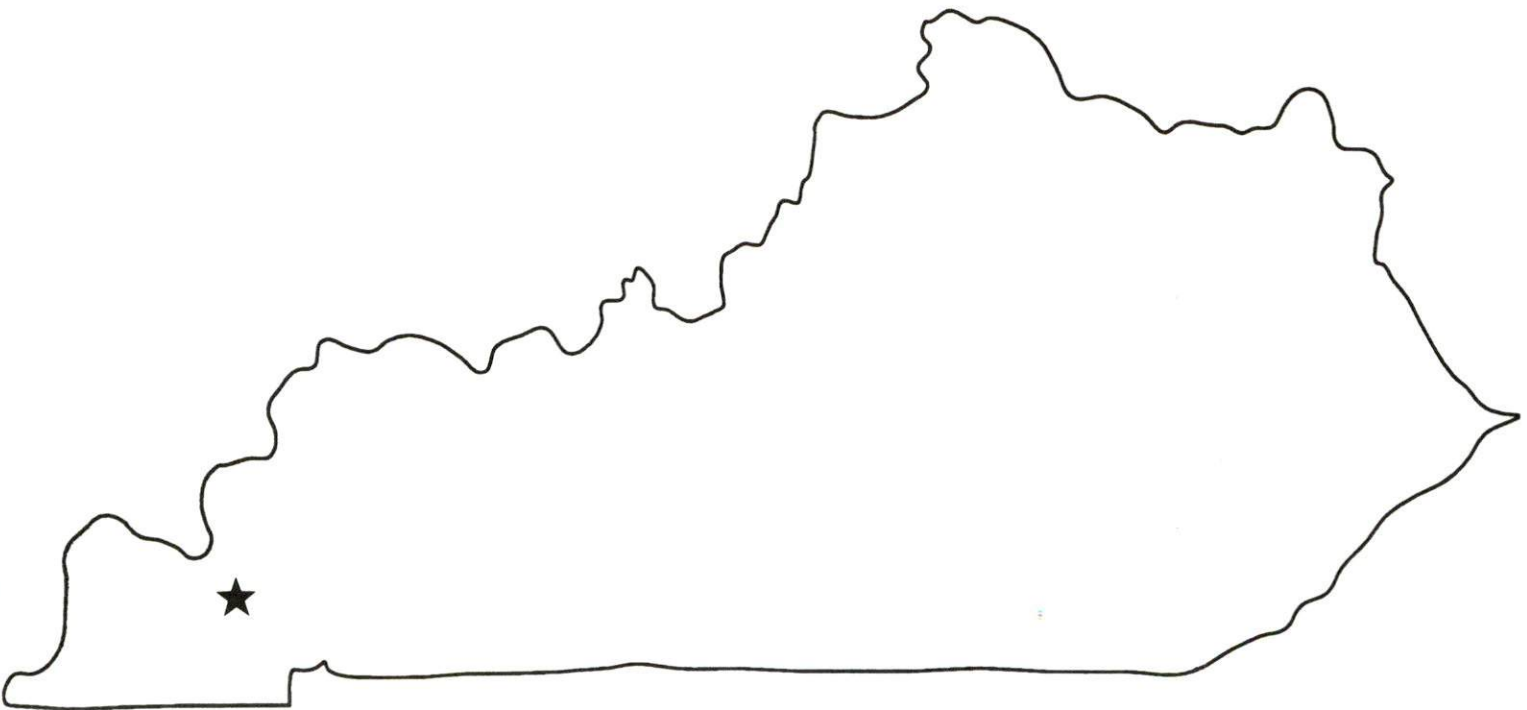
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# Kentucky

## Resources For Economic Development

### Marshall County



Prepared by  
The Kentucky Cabinet for Economic Development  
Division of Research  
in cooperation with  
Marshall County Chamber of Commerce

1995

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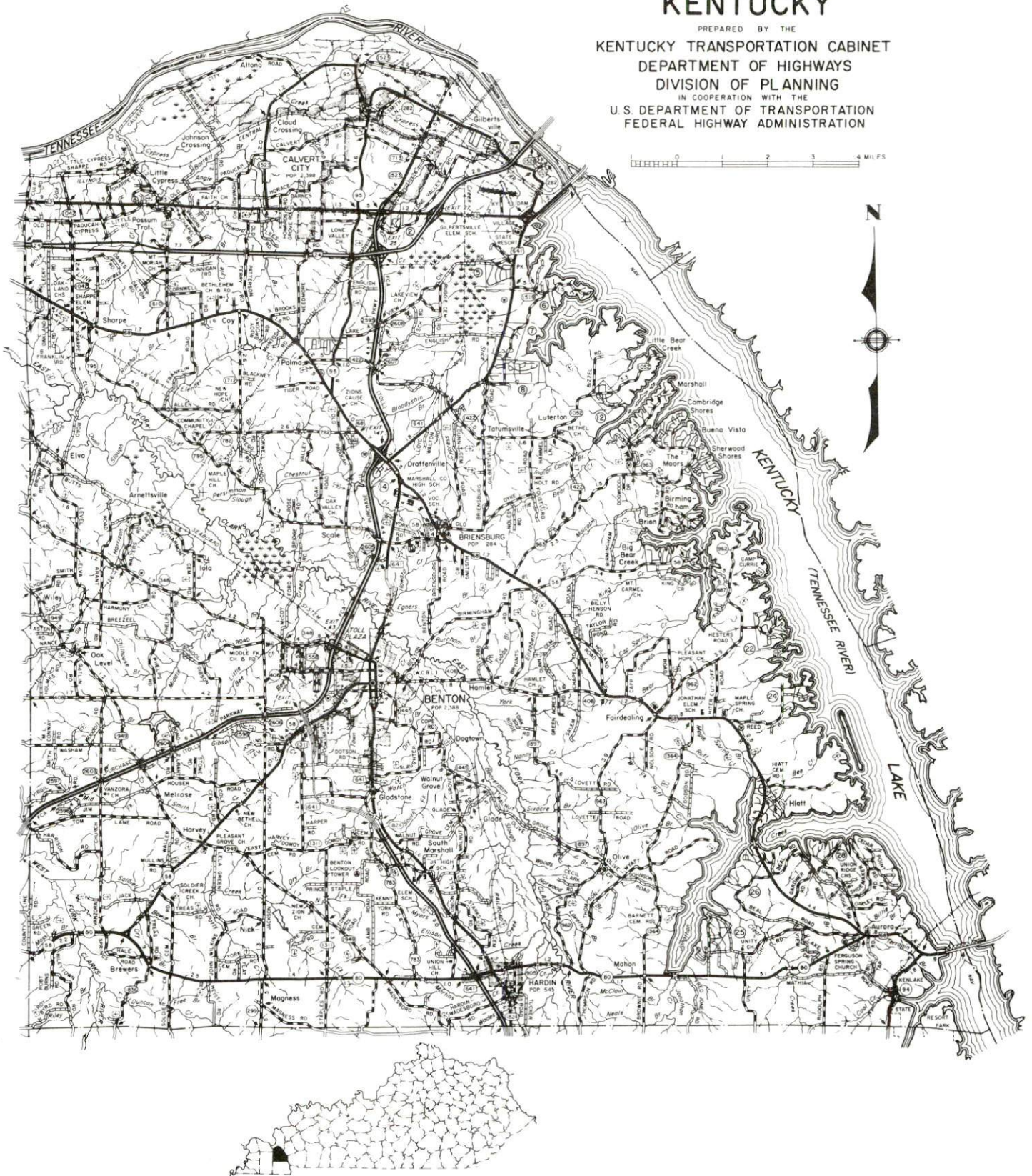
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GENERAL HIGHWAY MAP  
**MARSHALL COUNTY**  
**KENTUCKY**

PREPARED BY THE  
KENTUCKY TRANSPORTATION CABINET  
DEPARTMENT OF HIGHWAYS  
DIVISION OF PLANNING  
IN COOPERATION WITH THE  
U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION





## MARSHALL COUNTY, KENTUCKY - A RESOURCE PROFILE

Marshall County is located in the Jackson Purchase Region of western Kentucky. The Tennessee River flows along the northern boundary of the county while Kentucky Lake forms the eastern boundary. Benton, the county seat of Marshall County, is located 124 miles northwest of Nashville, Tennessee; 185 miles southeast of St. Louis, Missouri; and 200 miles southwest of Louisville, Kentucky. Calvert City is 15 miles north of Benton and Hardin is 7 miles south of Benton.

Marshall County covers a total land area of 304 square miles. In 1992 Marshall County had an estimated population of 27,880 with 3,960 persons residing in Benton, 2,506 in Calvert City, and 616 in Hardin.

**The Economic Framework** - The total number of Marshall County residents employed in 1993 averaged 12,129. In 1992, manufacturing firms in the county reported 2,944 employees; wholesale and retail trade provided 1,688 jobs; 990 people were employed in service occupations; state and local government accounted for 1,347 employees; and contract construction firms provided 1,399 jobs.

**Labor Supply** - There is a current estimated labor supply of 15,163 persons available for industrial jobs in the labor market area. In addition, from 1995 through 1999, 12,218 young persons in the area will become 18 years of age and potentially available for industrial jobs.

**Transportation** - Major highways serving Marshall County include Interstate 24; the Purchase Parkway; U.S. Highways 62, 68, and 641; and Kentucky Highway 80. Twenty-one trucking companies provide interstate and/or intrastate service to Marshall County. Paducah and Louisville Railway provides rail service to Calvert City, while J & J Railroad operates locally in Hardin. The nearest commercial airline service is available at Barkley Regional Airport near Paducah, 34 miles northwest of Benton. The Kentucky Dam Village State Resort Park Airport, 12 miles north of Benton, maintains a 4,000-foot paved runway to accommodate small aircraft. Two public riverports are located within 26 miles of Benton; the Port of Lyon County and the Paducah-McCracken County Riverport.

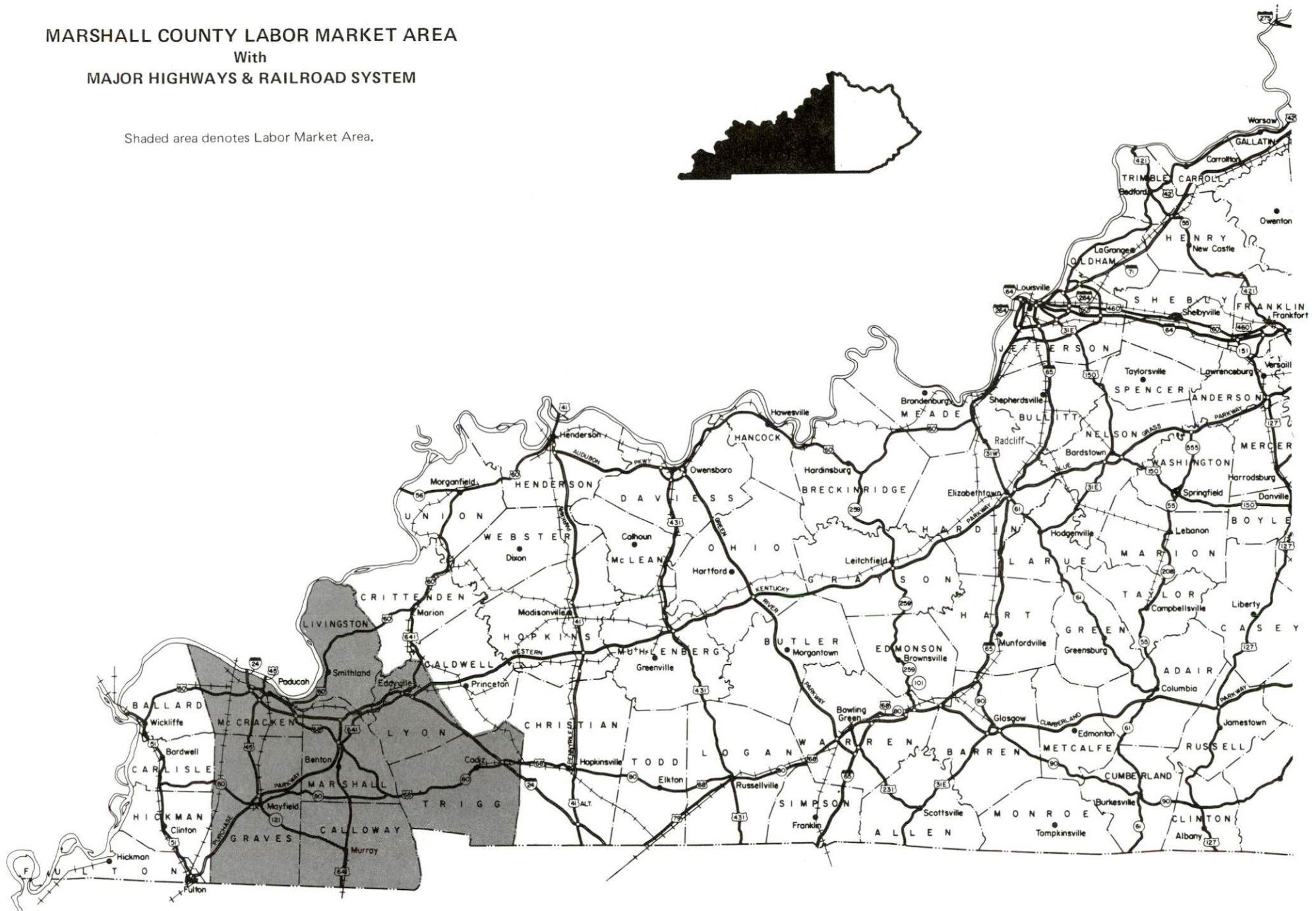
**Power and Fuel** - Electric power is distributed in Benton by the Benton Electric System, in Calvert City by Jackson Purchase Electric Cooperative Corporation, and in Hardin by West Kentucky Rural Electric Cooperative Corporation. Natural gas is distributed in Benton by Union Gas Company of Kentucky, in Calvert City by Western Kentucky Gas Company, and in Hardin by Hardin Natural Gas System.

**Education** - The Marshall County School System, which is accredited by the Southern Association of Colleges and Schools, provides primary and secondary education to the county. Seven institutions of higher learning are located within 76 miles of Benton. Vocational training is available locally at the Marshall County Area Vocational Education Center in Benton and at the West Kentucky State Vocational-Technical School, 26 miles northwest of Benton in Paducah.

# MARSHALL COUNTY LABOR MARKET AREA

With  
MAJOR HIGHWAYS & RAILROAD SYSTEM

Shaded area denotes Labor Market Area.





## LABOR MARKET STATISTICS

The Marshall County Labor Market Area includes Marshall County and the adjoining Kentucky counties of Calloway, Graves, Livingston, Lyon, McCracken, and Trigg.

POPULATION				
	<u>1992*</u>	<u>1990</u>	<u>1980</u>	<u>1970</u>
Labor Market Area	183,915	180,416	176,120	159,071
Benton	3,960	3,899	3,700	3,652
Calvert City	2,506	2,531	2,388	2,104
Hardin	616	595	545	522
Marshall County	27,880	27,205	25,637	20,381

\* Population estimates.

Source: U.S. Department of Commerce, Bureau of the Census.

POPULATION PROJECTIONS				
	<u>1995</u>	<u>2000</u>	<u>2010</u>	<u>2020</u>
Labor Market Area	183,775	186,102	187,546	186,688
Marshall County	28,147	28,882	29,593	29,694

Note: Population projections are from Moderate Growth Series forecast.

Source: University of Louisville, Urban Studies Center, State Data Center.

ESTIMATED LABOR SUPPLY				
	Current		Not in Labor Force	Future Becoming 18 years of age 1995 thru 1999
	<u>Total</u>	<u>Unemployed</u>		
Labor Market Area*	15,163	5,600	9,563	12,218
Marshall County	2,841	992	1,849	1,864

\* Additional workers may be drawn from other nearby counties.

Note: Unemployed - persons unemployed and actively seeking work; Not in Labor Force - represents the number of persons who would enter the labor force if suitable employment were available (based on the assumption that persons in Kentucky would like to participate in the labor force in the same proportion that they do nationally). Underemployed persons (employed only 14 to 26 weeks during the year) are no longer included in labor surplus estimates.

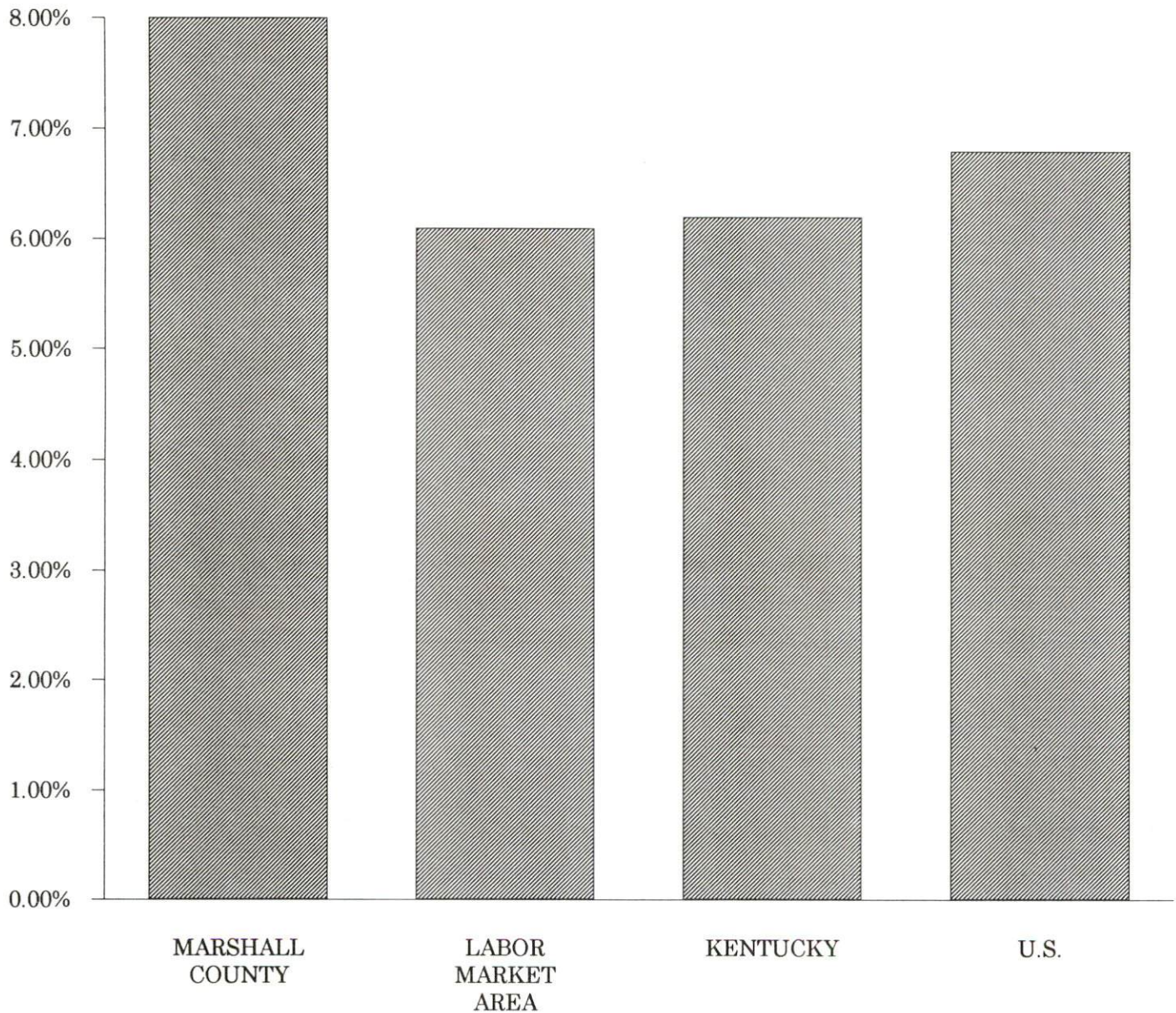
Sources: Kentucky Cabinet for Human Resources, Kentucky Labor Surplus Estimates by County, 1992. Kentucky Cabinet for Economic Development, Future Labor Supply Becoming 18 Years of Age, 1995 thru 1999.

# LABOR FORCE CHARACTERISTICS OF RESIDENTS, 1993

	<u>Marshall County</u>	<u>Labor Market Area</u>
Civilian Labor Force	13,179	90,141
Employment	12,129	84,663
Unemployment	1,050	5,478
Rate of Unemployment (%)	8.0	6.1

Source: Kentucky Cabinet for Human Resources, Kentucky Labor Force Estimates, Annual Averages, 1993.

## UNEMPLOYMENT RATES 1993



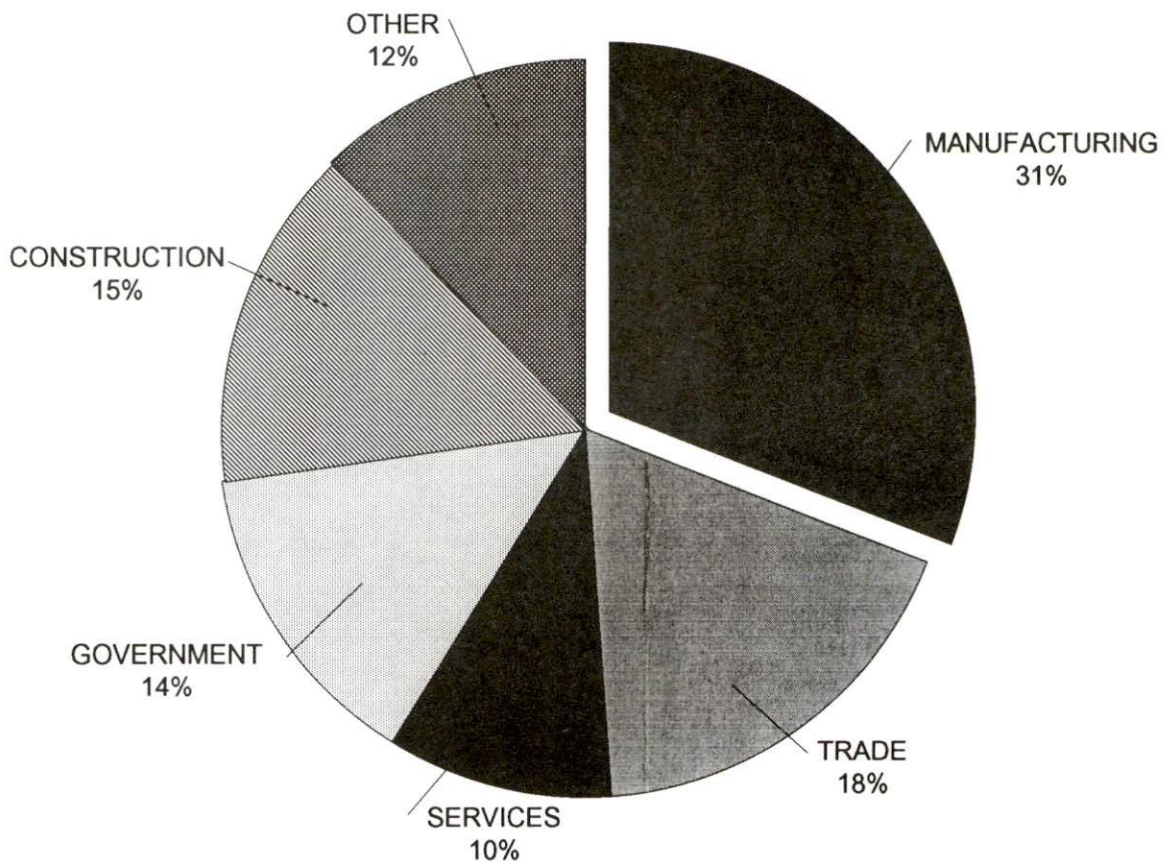


SELECTED COMPONENTS OF NONAGRICULTURAL EMPLOYMENT  
BY PLACE OF WORK, 1992

	<u>Marshall County</u>	<u>Labor Market Area</u>
All Industries (total)	9,642	70,437
Manufacturing	2,944	15,099
Wholesale & Retail Trade	1,688	19,230
Services	990	13,355
State/Local Government	1,347	10,695
Contract Construction	1,399	4,213

Note: Excludes domestic workers, railway workers, certain nonprofit corporations, majority of federal government workers, and self-employed workers.  
Source: Kentucky Cabinet for Human Resources, Average Monthly Workers Covered by Kentucky Unemployment Insurance Law, 1992.

MARSHALL COUNTY



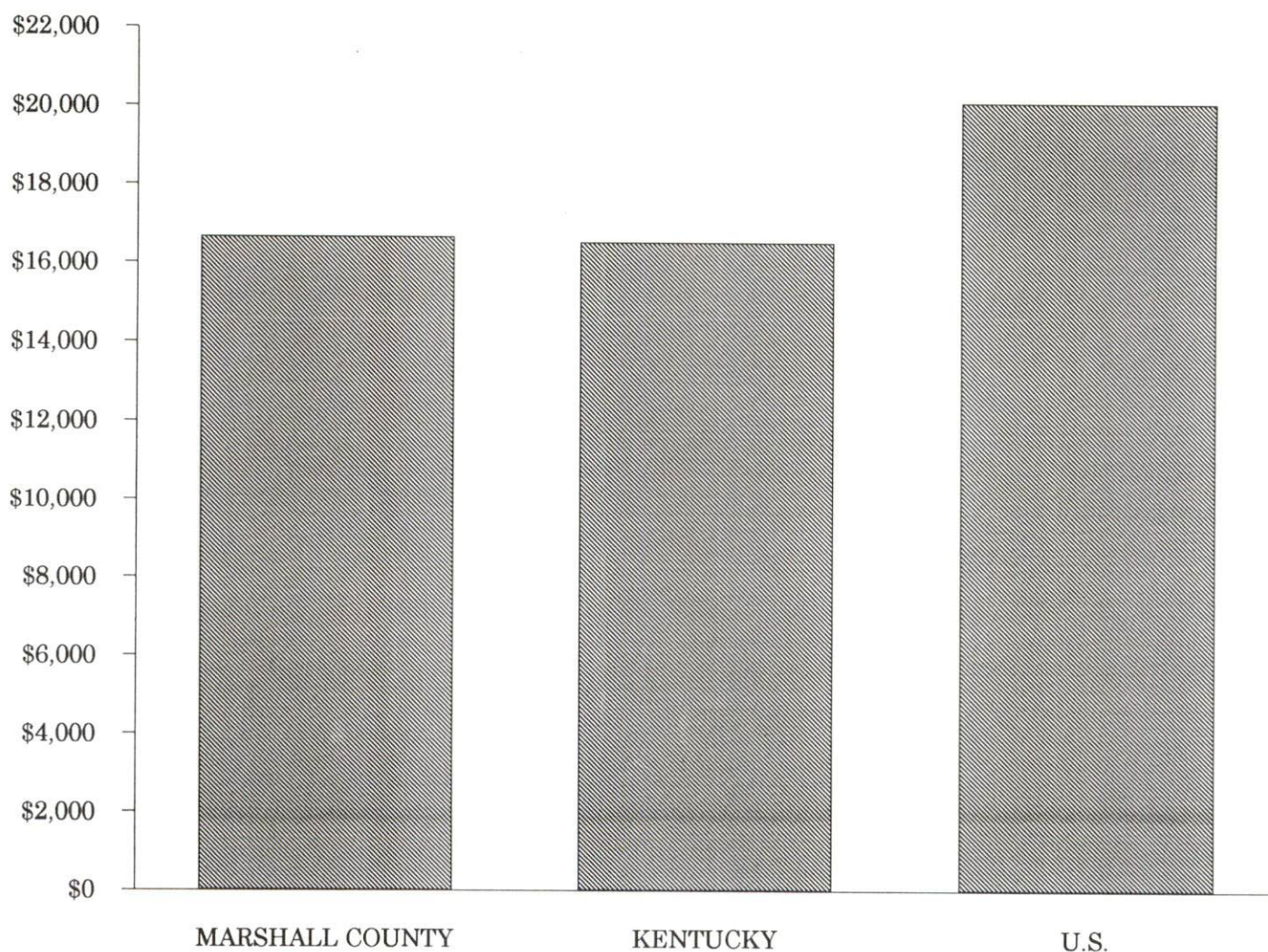


# PER CAPITA PERSONAL INCOME

<u>Area</u>	<u>1988</u>	<u>1992</u>	<u>Percent Change</u>
Marshall County	\$12,670	\$16,650	31.4
Labor Market Area Range	\$9,710 - \$14,607	\$12,145 - \$19,169	-
Kentucky	\$12,751	\$16,528	29.6
U.S.	\$16,610	\$20,105	21.0

Source: U.S. Bureau of Economic Analysis, Regional Economic Information System, April 1994.

## PER CAPITA PERSONAL INCOME 1992



## AVERAGE PLACEMENT WAGES

---

Marshall County is served by the Paducah local office of the Kentucky Department for Employment Services. The focus of the following data is on job placements made by the Paducah local office and may therefore be used as an indicator of the wages which employers in the area pay new employees. During the twelve months which ended on June 30, 1994, the local employment office filled 2,444 job openings in various occupational categories. The average hourly wage for selected occupational categories were:

<u>OCCUPATIONAL CATEGORY</u>	<u>NUMBER OF PLACEMENTS</u>	<u>AVERAGE WAGE(\$)</u>
All Occupations	2,444	5.46
Clerical	400	4.72
Sales	207	5.73
Services (excluding domestic)	743	4.34
Agricultural, Fishery, Forestry, etc.	30	5.06
Processing	191	6.90
Machine Trades	12	9.36
Bench Work	211	4.51
Structural	301	7.79
Motor Freight/ Transportation	65	6.52
Packaging and Materials Handling	250	5.99

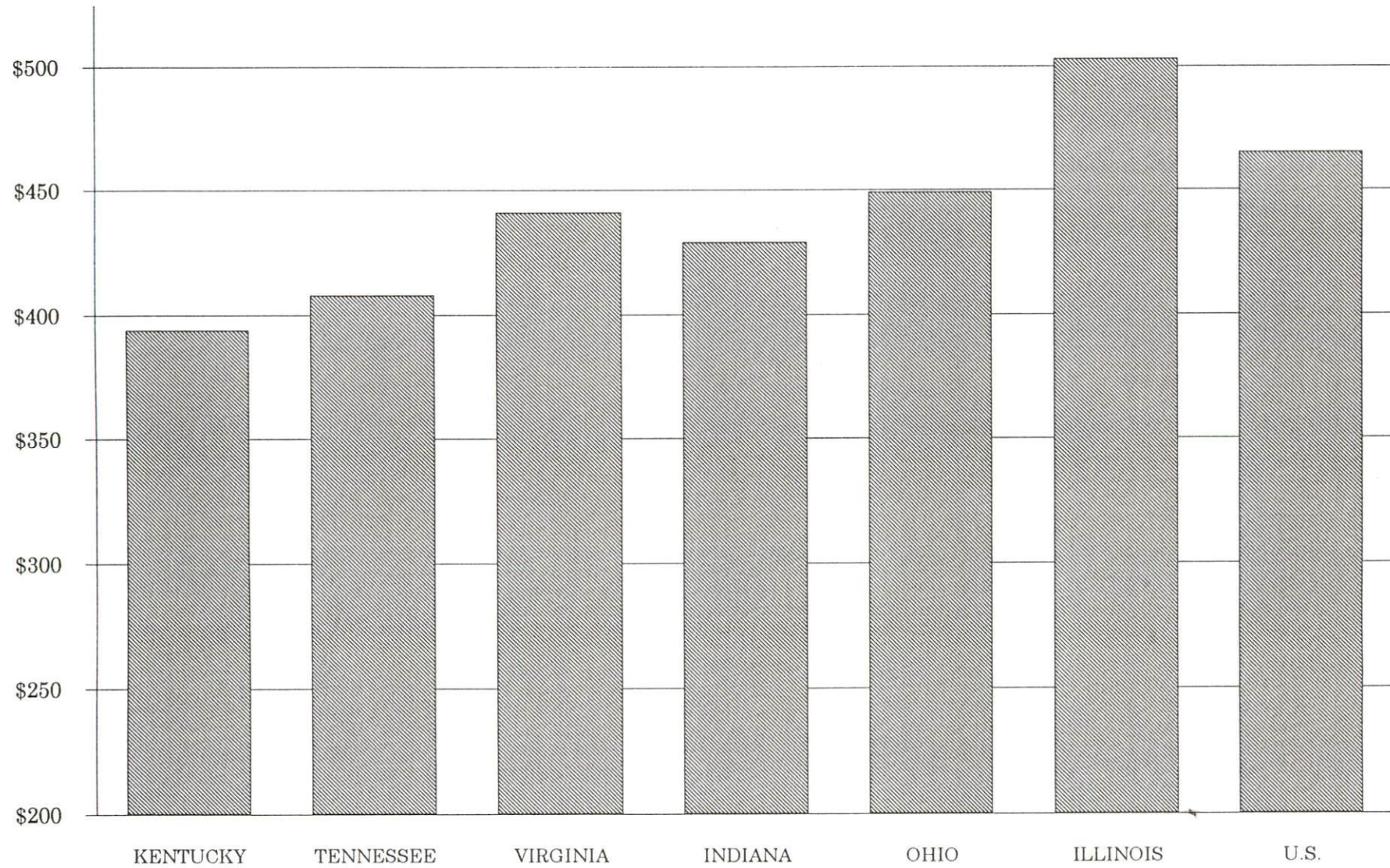
The Paducah local office also serves Ballard, Carlisle, Livingston, and McCracken Counties. The above occupational categories are taken from the Dictionary of Occupational Titles published by the U.S. Department of Labor.

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Source: Kentucky Cabinet for Human Resources, Department for Employment Services.



AVERAGE WEEKLY WAGES OF WORKERS COVERED BY  
UNEMPLOYMENT INSURANCE - 1991





AVERAGE WEEKLY WAGES BY INDUSTRY  
BY PLACE OF WORK, 1992\*

	<u>Marshall County</u>	<u>Kentucky (State- Wide)</u>	<u>Tennessee</u>	<u>Virginia</u>
All Industries	\$502.89	\$415.94	\$435.00	\$465.00
Mining & Quarrying	N/A	685.48	564.00	690.00
Contract Construction	513.85	431.97	456.00	456.00
Manufacturing	792.11	535.73	510.00	535.00
Transportation, Communications & Public Utilities	554.30	560.84	561.00	637.00
Wholesale & Retail Trade	224.13	282.29	N/A	N/A
Finance, Insurance & Real Estate	371.62	493.68	548.00	576.00
Services	282.50	371.91	419.00	483.00
State/Local Government	352.61	434.01	N/A	N/A
	<u>Indiana</u>	<u>Ohio</u>	<u>Illinois</u>	<u>U. S.</u>
All Industries	\$450.00	\$473.00	\$535.00	\$491.00
Mining & Quarrying	731.00	639.00	787.00	799.00
Contract Construction	504.00	525.00	658.00	527.00
Manufacturing	609.00	653.00	652.00	612.00
Transportation, Communications & Public Utilities	548.00	590.00	674.00	632.00
Wholesale & Retail Trade	N/A	N/A	N/A	N/A
Finance, Insurance & Real Estate	511.00	545.00	728.00	670.00
Services	386.00	419.00	488.00	468.00
State/Local Government	N/A	N/A	N/A	N/A

\* Wages for U.S. and surrounding states rounded to nearest dollar.

N/A Not Available.

Note: The average weekly wage for each category includes the salaries and wages of all persons working for that type business. For example, the manufacturing category includes both production workers and administrative personnel. Excludes domestic workers, railway workers, certain nonprofit corporations, majority of federal government workers, and self-employed workers.

Source: Kentucky Cabinet for Human Resources, Average Weekly Wages of Workers Covered by Kentucky Unemployment Insurance Law, 1992. U.S. Department of Labor, Bureau of Labor Statistics, Employment and Wages, Annual Averages, 1992, October 1993.

# EXISTING INDUSTRY

## MARSHALL COUNTY MANUFACTURING FIRMS, THEIR PRODUCTS AND EMPLOYMENT

<u>Firm</u> <u>(Establishment date)</u>	<u>Product</u>	<u>1993</u> <u>Average Employment</u>
<b>Benton</b>		
Alucobond Technologies, Inc. (1978)	Aluminum composite panels, foamed pvc sheets	84
B.M.I. Pallets (1978)	Pallets, skids, boxes	3
Blue Grass Cooperage, Inc. (1948)	Barrel staves, headings, wood chips	19
Kentucky Heritage Manufacturing, Pinewood Primitives (1992)	Reproduction furniture, wood gift items	18
Kentucky Waterland Press, Tribune Courier (1888)	Newspaper, job printing	14
LTD Welding (1990)	Welding	4
Long Concrete Company (1946)	Precast concrete	4
Pro Equipment Company (1987)	Portable cleaning units, car wash equipment	20
Woodside Manufacturing Company, Inc. (1980)	Canvas chairs, boat accessories, uniforms	14
Zealco Industries, Inc. (1982)	High pressure washers	17
<b>Calvert City</b>		
Air Products & Chemicals, Inc., Chemical Group, Calvert City Works (1955)	Polyvinyl alcohol, acetylenics, emulsions	435
Allwood Manufacturing, Inc. (1992)	Dimension Hardwood, pallets, crates	30
The Carbon/Graphite Group, Inc. (1953)	Acetylene, electric calcined anthracite coal, carbon paste, calcium carbide	125
Degussa Corporation Catalyst Division (1981)	Automotive emissions control catalysts, chemical industry catalysts	26
Elf Atochem North America, Inc. (1949)	Plastics, refrigerants, hydrofluoric acid	365
Estron Chemicals, Inc. (1978)	Acrylic monomer, polyester & sulfonemide resins	30

(Continued)

<u>Firm</u> <u>(Establishment date)</u>	<u>Product</u>	<u>1993</u> <u>Average Employment</u>
Guard Screen Company, Inc. (1984)	Security screens	15
IBEX Industries, Inc. (1989)	Vacuum pressure tanks	22
Ice Delivery Service, Inc. (1974)	Ice	10
ISP Chemicals, Inc.	Specialty chemicals	577
Lake Printers, Inc. (1975)	Job printing	16
North Star Steel Kentucky, Inc. (1983)	Structural steel	215
SKW Alloys, Inc. (1949)	Ferroalloys	120
The BF Goodrich Company (1952)	Caustic soda, acrylic acid polymer, vinyl chloride	314
Westlake Monomers Corporation (1990)	Vinyl chloride monomers	178
<b>Gilbertsville</b>		
372 Cox Group (1988)	Fixtures (engineering tolerance), gages	30
<b>Hardin</b>		
Farmer Brown Country Hams Company (1979)	Country hams, bacon	5
Hardin Grain Elevator, Inc. (1975)	Fertilizer, feed	16
Twin Lakes Shore Line Improvement (1964)	Boat docks	2

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Sources: Kentucky Cabinet for Economic Development, Division of Research.



## LABOR ORGANIZATIONS IN MANUFACTURING FIRMS

### Union

Aluminum, Brick and Glass  
Workers International Union,  
AFL-CIO

International Association of  
Machinists and Aerospace  
Workers, AFL-CIO

International Brotherhood  
of Teamsters, Chauffeurs  
Warehousemen and Helpers  
of America

International Union, United  
Automobile, Aerospace, and  
Agricultural Implement Workers  
of America

Oil, Chemical and Atomic  
Workers International Union,  
AFL-CIO

United Steelworkers of  
America, AFL-CIO-CLC

### Representing workers at:

Alucobond Technologies, Inc.

ISP Chemicals; Elf Atochem  
North America  
The BF Goodrich Company;  
Westlake Monomers Corporation

Elf Atochem North America

SKW Alloys, Inc.

Air Products & Chemical, Inc.,  
Chemical Group, Calvert  
City Works;  
The Carbon/Graphite Group, Inc.;  
Degussa Corporation Catalyst  
Division

North Star Steel Kentucky, Inc.;  
Guard Screen Company, Inc.

# SELECTED INDUSTRIAL SERVICES

<u>Types of Services</u>	<u>Location</u>	<u>Mileage from Benton</u>
Custom Plastics Producers	Benton, Kentucky	-
Electric Motor Repair	Benton, Kentucky	-
Heat Treating Facilities	Hopkinsville, Kentucky	56
Industrial Waste Removal	Mayfield, Kentucky	21
	Paducah, Kentucky	26
Machine Shops, Tool & Die	Gilbertsville, Kentucky	12
Metal Castings	Elkton, Kentucky	76
Metal Finishers	Paducah, Kentucky	26
Metal Service Centers	Murray, Kentucky	18
Millwrights & Riggers	Mayfield, Kentucky	21

Sources: Kentucky Cabinet for Economic Development, Division of Research.

## TRANSPORTATION

### Highways

Major highways serving Marshall County include Interstate 24; Purchase Parkway; U.S. Highways 62, 68 and 641; and Kentucky Highway 80.

Interstate 24, a major east-west highway, extends through northern Marshall County and connects with the Purchase Parkway and U.S. Highways 62, 68 and 641. Interstate 24 also provides access to the Western Kentucky Parkway, 26 miles northeast of Benton.

The Purchase Parkway, a multi-lane highway, traverses north and south through Marshall County. Interchanges on the parkway are located at Interstate 24, at U.S. 68 in central Marshall County, and at Benton.

U.S. Highways 62, 68 and 641, and Kentucky Highway 80 are also major routes in Marshall County. All four highways are "AAA"-rated (80,000-pound gross load limit) trucking highways.

#### HIGHWAY MILES FROM BENTON, KENTUCKY, TO SELECTED MARKET CENTERS

City	Highway Miles	City	Highway Miles
Atlanta, GA	365	Los Angeles, CA	1,934
Baltimore, MD	777	Louisville, KY	200
Birmingham, AL	307	Nashville, TN	124
Chicago, IL	388	New Orleans, LA	553
Cincinnati, OH	300	New York, NY	955
Cleveland, OH	547	Pittsburgh, PA	583
Detroit, MI	550	St. Louis, MO	185
Knoxville, TN	300		

Note: Mileage computations are via the best interstate or primary highways, not necessarily the most direct route of travel.

Sources: Rand McNally Standard Highway Mileage Guide, 1990. Official Kentucky Mileage Map, 1985.

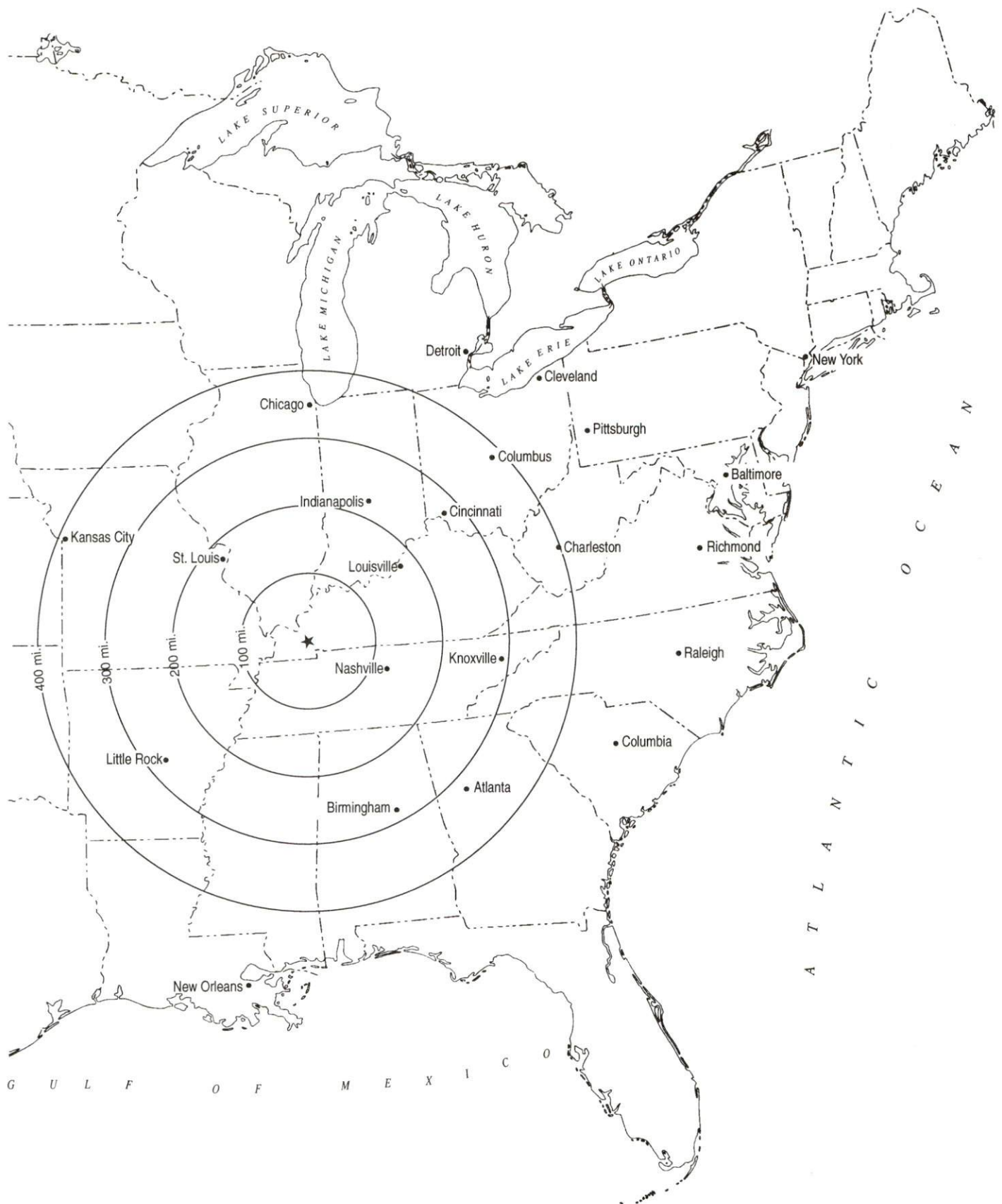
### Truck Service

Twenty-one common carrier trucking companies provide interstate and/or intrastate service to Marshall County.

Source: American Motor Carrier Directory, Fall 1994.



## Selected Market Centers



## Rail

Paducah and Louisville Railway, Inc. provides main line rail service to Calvert City. The nearest intermodal facilities are available 15 miles west of Calvert City in Paducah, Kentucky. J & J Railroad provides rail service from Hardin to Murray, Kentucky, 11 miles south, where connections can be made with the Kentucky, West Tennessee Railway, Inc.

For details on routing, schedules, rates, and services contact:

Paducah and Louisville Railway, Inc.  
1500 Kentucky Avenue  
Paducah, Kentucky 42001  
(502) 444-4334

and/or

J & J Railroad  
Box 131  
Hardin, Kentucky 42048  
(502) 437-4102

## Air

### Nearest Small Craft Airport

Location:	Kentucky Dam Village State Resort Park Airport
Runways:	Gilbertsville, 12 miles north of Benton
Length:	1 paved
Traffic	4,000 feet
Controls:	Wind sock
Lighting:	Runway lights (dusk to dawn), REIL, VASI
Services:	100 octane and jet-A fuel, and tie-down; Transportation to Kentucky Dam Village State Park available



	<u>Nearest Scheduled Commercial Airline Service (Commuter)</u>
	Barkley Regional Airport
Location:	6 miles west of Paducah, Kentucky; 30 miles northwest of Benton
Runways:	2 paved
Length:	6,500 feet; 4,000 feet
Traffic	
Controls:	Control tower, ILS, VOR and NDB approaches
Lighting:	HIRL, MIRL, MITL, rotating beacon
Services:	American Eagle, TransWorld Express, Northwest Airlink; 100LL and jet-A fuel; storage; charter; flight instruction; hangar; tie-downs; major and minor A & P repairs; National Weather Service; Avionics; car rental; taxi; limousine; and restaurant
Air Freight	
Service:	Air carriers accept freight on space available basic

Scheduled commercial airline service is available at Evansville Regional Airport near Evansville, Indiana, 116 miles northeast of Benton; and at the Nashville International Airport near Nashville, Tennessee, 124 miles southeast of Benton.

## Water

The Tennessee River forms the northern boundary of Marshall and Kentucky Lake forms the eastern boundary of the county. Two major riverports are located near Marshall County, the Paducah-McCracken County Riverport and the Port of Lyon County.

The Paducah-McCracken Riverport is 26 miles northwest of Benton. The Paducah-McCracken County Riverport Authority operates an ice-free, deep water inland waterways port located at Mile 1 on the Tennessee River, at the confluence of the Ohio and Tennessee Rivers, 48 river miles east of where the Ohio River flows into the Mississippi River, and at the head of the Tennessee-Tombigbee Waterway.

The Port of Lyon County is located 26 miles northeast of Benton. The Port Authority of Lyon County operates a port facility in the Lick Creek embayment on Barkley Lake at Cumberland River Mile 43.6. Kentucky Lake is only ten miles from the Port as the two lakes are joined by a one and three-quarter mile long canal, 300 feet wide. It is the only public port on either Barkley Lake or the adjoining Kentucky Lake, and there is only one lock between the Port and the Tennessee-Tombigbee.

## UTILITIES

### Electricity

Company serving **Benton** - Benton Electric System  
Source of power - Tennessee Valley Authority  
For industrial rates contact:

Benton Electric System  
500 Mayfield Highway  
Benton, Kentucky 42025  
(502) 527-3666

and/or

South Kentucky Industrial Development  
Association, Inc.  
P.O. Box 726  
Hopkinsville, Kentucky 42241-0726  
(502) 885-5392 Fax #(502) 885-9451

Company serving **Calvert City, north and central Marshall County** -  
Jackson Purchase Electric Cooperative Corporation  
Source of power - Big Rivers Electric Corporation  
For industrial rates contact:

Jackson Purchase Electric Cooperative  
Corporation  
2900 Irvine Cobb Drive  
P.O. Box 3188  
Paducah, Kentucky 42002-3188  
(502) 442-7321 or (800) 633-4044

and/or

Manager of Economic Development  
Big Rivers Electric Corporation  
P.O. Box 24  
Henderson, Kentucky 42420  
(502) 827-2561 Fax #(502) 827-2561

Company serving **Hardin, western, eastern, and southern Marshall County** - Western Kentucky Rural Electric Cooperative Corporation  
Source of power - Tennessee Valley Authority  
For industrial rates contact:

South Kentucky Industrial Development  
Association, Inc.  
P.O. Box 726  
Hopkinsville, Kentucky 42241-0726  
(502) 885-5392 Fax #(502) 885-9451

and/or

West Kentucky Rural Electric Cooperative  
Corporation  
1218 West Broadway  
P.O. Box 589  
Mayfield, Kentucky 42066  
(502) 247-1321 Fax #(502) 247-8496



## Natural Gas

Company serving **Benton** - Union Gas Company of Kentucky  
Source of supply - Texas Gas Transmission Corporation  
For rates and supplies contact:

Union Gas Company of Kentucky  
c/o City Hall  
1009 Main Street  
Benton, Kentucky 42025  
(502) 527-3717 or (502) 527-8677

Company serving **Calvert City** - Western Kentucky Gas Company  
Source of supply - Texas Gas Transmission Corporation  
For rates and supplies contact:

Western Kentucky Gas Company  
P.O. Box 866  
Owensboro, Kentucky 42302-0866  
(502) 685-8069

Company serving **Hardin** - Hardin Natural Gas System  
Source of supply - Texas Gas Transmission Corporation  
For rates and supplies contact:

Hardin Natural Gas System  
P.O. Box 57  
Hardin, Kentucky 42048  
(502) 437-4361

## Public Water Supply

Company serving <b>Benton</b> -	Benton Water System 1009 Main Street Benton, Kentucky 42025 (502) 527-8677 Fax #(502) 527-2251
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Source -	Wells
Treatment plant capacity -	1,400,000 gallons per day
Average daily consumption -	875,000 gallons
Peak daily consumption -	1,000,000 gallons
Storage capacity -	660,000 gallons
Water pressure -	50 psi to 105 psi

The Benton Water System plans to construct a new 2.5 million gallon-per-day treatment plant and 500,000 gallon elevated storage tank. The project is presently in the design phase.

Company serving Calvert City - Calvert City Municipal Water &  
Sewer System  
P.O. Box 36  
Calvert City, Kentucky 42029  
(502) 395-4020

Source - Wells  
Source of supply of treated water - North Marshall Water District  
Amount of water that can be purchased - 500 gallons per minute  
(emergency only)  
Treatment plant capacity - 1,400,000 gallons per day  
Average daily consumption - 1,100,000 gallons  
Peak daily consumption - 1,200,000 gallons  
Storage capacity - 1,200,000 gallons  
Water pressure - 70 psi to 110 psi

Company serving Hardin - Hardin Water System  
P.O. Box 57  
Hardin, Kentucky 42048-0057  
(502) 437-4361

Source of supply of treated water - Benton Water System  
Maximum amount available per day - 100,000 gallons  
Average daily consumption - 100,000 gallons  
Peak daily consumption - 125,000 gallons  
Storage capacity - 80,000 gallons  
Water pressure - 40 psi to 65 psi

The City of Hardin plans to construct a 300,000 gallon-per-day treatment plant, two wells, and a 100,000 gallon storage tank. Completion of the \$1.5 million project is scheduled to be during 1996.

Company serving portion of Marshall County -

West Marshall Water District  
Route 2  
Benton, Kentucky 42025  
(502) 527-0682

Source of supply of treated water - Benton Water System  
Maximum amount available per day - no set limit  
Average daily consumption - 40,000 gallons  
Peak daily consumption - 50,000 gallons  
Storage capacity - 50,000 gallons  
Water pressure - 50 psi to 85 psi



Company serving east Marshall County -

Jonathan Creek Water District  
P.O. Box 414  
Benton, Kentucky 42025  
(502) 354-9174

Source -	Kentucky Lake
Treatment plant capacity -	1,000,000 gallons per day
Average daily consumption -	600,000 gallons
Peak daily consumption -	960,000 gallons
Storage capacity -	350,000 gallons
Water pressure -	35 psi to 125 psi

Company serving Northeastern Marshall County -

North Marshall Water District  
55 Frankfort Road  
Benton, Kentucky 42025  
(502) 527-3208

Source -	Wells
Treatment plant capacity -	2,000,000 gallons per day
Average daily consumption -	1,050,000 gallons
Peak daily consumption -	1,946,000 gallons
Storage capacity -	414,000 gallons
Water pressure -	60 psi to 140 psi

Sewerage

Company serving Benton -	Benton Sewer System 1009 Main Street Benton, Kentucky 42025 (502) 527-8677
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Design capacity -	1,000,000 gallons per day
Average daily flow -	500,000 gallons
Type of treatment -	Secondary
Treated effluent discharged into -	East Fork Clark's River

Company serving Calvert City -	Calvert City Municipal Water & Sewer System P.O. Box 36 Calvert City, Kentucky 42029 (502) 395-4020
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Design capacity -	390,000 gallons per day
Average daily flow -	210,000 gallons
Type of treatment -	Secondary
Treated effluent discharged into -	Tennessee River

Company serving **Hardin** -                      Hardin Sewer System  
P.O. Box 57  
Hardin, Kentucky 42048-0057  
(502) 437-4361

Design capacity -                      70,000 gallons per day  
Average daily flow -                      At capacity  
Type of treatment -                      Tertiary  
Treated effluent discharged into - Martins Creek

The Hardin Sewer System is in the process of completing improvements at the treatment plant which will increase treatment capacity to 100,000 gallons per day.

Company serving **Aurora** -                      Marshall County Sanitation District #1  
P.O. Box 21B  
Hardin, Kentucky 42048  
(502) 474-9736

Design capacity -                      150,000 gallons per day  
Average daily flow -                      50,000 gallons  
Type of treatment -                      Tertiary  
Treated effluent discharged into - Kentucky Lake

## CLIMATE

### Marshall County

#### Temperature

Normal (30-year record)	57.20 degrees
Average annual 1993	57.70 degrees
Record highest, August 1988 (10-year record)	104.00 degrees
Record lowest, January 1985 (10-year record)	-15.00 degrees
Normal heating degree days (30-year record)	4,283
(Heating degree day totals are the sums of negative departures of average daily temperatures from 65 degrees F.)	

#### Precipitation

Normal (10-year record)	46.89 inches
Mean annual snowfall (10-year record)	10.60 inches
Total precipitation 1993	47.30 inches
Mean number days precipitation (.01 inch or more) (10-year record)	110.50
Mean number days thunderstorms (10-year record)	60.40

#### Prevailing winds

N/A

#### Relative Humidity (9-year record)

12 a.m.	82 percent
6 a.m.	86 percent
Noon	58 percent
6 p.m.	64 percent

Source: U.S. Department of Commerce, Environmental Science Services Administration, Climatological Data, 1993. Station of record: Paducah, Kentucky.



## LOCAL GOVERNMENT

### Structure

The Cities of Benton, Calvert City and Hardin are each governed by a mayor and six council members. The mayors are elected to four-year terms while council members each serve two-year terms. Marshall County is governed by a county judge/executive and three magistrates. Each county official is elected to a four-year term.

### Planning and Zoning

City agency - City of Benton Planning Commission  
Zoning enforced - Within city  
Subdivision regulations enforced - Within city and three miles beyond  
Local codes enforced - Building and housing  
Mandatory state codes enforced - Kentucky Plumbing Code, National Electric Code, Kentucky Boiler Regulations and Standards, Kentucky Building Code (modeled after BOCA code)

City agency - City of Calvert City Planning Commission  
Zoning enforced - Within city  
Subdivision regulations enforced - Within city only  
Local codes enforced - Building and housing  
Mandatory state codes enforced - Kentucky Plumbing Code, National Electric Code, Kentucky Boiler Regulations and Standards, Kentucky Building Code (modeled after BOCA code)

### Local Fees and Licenses

The City of Benton levies an occupational license tax of one-half of one percent of the gross salaries, wages and commissions of all persons employed within the city. Annual business licenses are based on the type of businesses. The fee for manufacturing businesses is \$150 for plants with 25+ employees and \$125 for plants with less than 25 employees.

Calvert City levies annual business license fees ranging from \$25 to \$100 for most businesses.

Marshall County levies a one percent occupational license tax on gross salaries, wages and commissions of individuals and on net profits of businesses.

Marshall County schools also levy a one-half of one percent occupational license tax on wages, salaries and commissions of individuals and on net profits of businesses. Exempted are nonresidents and certain businesses including public service companies that pay ad valorem taxes, insurance companies, banks, and trust companies.

## PROPERTY TAXES

The Kentucky Constitution requires the state to tax all classes of taxable property, and state statutes allow local jurisdictions to tax only a few classes. All locally taxed property is subject to county taxes and school district taxes (either a county school district or an independent school district). Property located inside of city limits may also be subject to city property taxes.

Special local taxing jurisdictions (fire protection districts, watershed districts, and sanitation districts) levy taxes within their operating areas (usually a small portion of community or county).

Property assessments in Kentucky are at 100% fair cash value. Accounts receivable are taxed at 85% of face value.

### STATE PROPERTY TAX RATES PER \$100 VALUATION

<u>Selected Classes of Property</u>	<u>1993 State Rate</u>	<u>Local Taxation Permitted</u>
Real Estate	\$0.180	YES
Manufacturing Machinery	0.150	NO
Pollution Control Equipment	0.150	NO
Inventories		
Raw Materials	0.050	NO
Goods in Process	0.050	NO
Finished Goods	0.050	YES
Motor Vehicles	0.450	YES
Other Tangible Personal Property	0.450	YES
Intangibles (Accounts Receivable, Money on Hand)	0.250	NO

### LOCAL PROPERTY TAX RATES PER \$100 VALUATION, 1993

<u>Taxing Jurisdiction</u>	<u>Real Estate</u>	<u>Finished Goods &amp; Tangibles</u>	<u>Motor Vehicles</u>
Marshall County	\$0.2250	\$0.2447	\$0.2470
School Districts:			
Marshall	0.2100	0.2100	0.2100
Cities:			
Benton	0.2400	0.2400	0.2400
Calvert City	0.2400	0.2500	0.2500
Hardin	0.1560	0.1560	0.1600

## EDUCATION

### Public Schools

#### Marshall County

Total Enrollment (Fall, 1993)	4,703
Accreditation	Southern Association of Colleges and Schools
Pupil-Teacher Ratio (1991-92)	17.9-1
Percent High School Graduates to College (1991-92)	57.6
Expenditures Per Pupil (1991-92)	\$3,135.57

### Nonpublic Schools

<u>School</u>	<u>Enrollment</u>	<u>Grades</u>
Christian Fellowship School	294	K-12
West Kentucky Christian Academy	52	P-8

### Area Colleges and Universities

<u>Name</u>	<u>Location (Miles from Benton)</u>	<u>Enrollment (Fall, 1993)</u>
Murray State University	Murray, Kentucky (18)	8,120
Paducah Community College	Paducah, Kentucky (26)	3,241
Hopkinsville Community College	Hopkinsville, Kentucky (56)	3,115
University of Tennessee at Martin	Martin, Tennessee (54)	5,537
Bethel College	McKenzie, Tennessee (56)	508
Madisonville Community College	Madisonville, Kentucky (69)	2,513
Austin Peay State University	Clarksville, Tennessee (76)	8,073



## VOCATIONAL-TECHNICAL TRAINING

Kentucky Tech schools are operated by the Cabinet for Workforce Development and provide secondary (Sec) and postsecondary (P/S) vocational-technical training.

<u>Kentucky Tech Schools</u>	<u>Location (Mileage from Benton)</u>	<u>Number of Program Offerings</u>	<u>Cumulative Enrollment 1992-1993</u>	<u>Approximate Number Completing Programs Annually</u>
West Kentucky State Vocational- Technical School	Paducah (26)	29	<u>Sec</u> <u>P/S</u> 17 993	247
Purchase Training Center	Mayfield (21)	4	* *	*

\*Enrollment and completion figures included in West Kentucky SVTS totals.

### Other Vocational Schools

Marshall County Area Vocational Education Center	Benton	5	<u>Sec</u> 187	44
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### Customized Training

The Kentucky Tech system, through its Training and Development Coordinators, will provide technical assistance and will identify and develop low-cost customized training programs and services for both established and prospective businesses. Businesses needing customized training should contact a Training and Development Coordinator located on the campus of West Kentucky SVTS.

### Assessment Services

Kentucky Tech Career Connections offers to business, education, and government agencies customized assessment in career inventories, interest inventories, pre-hire assessment, psychomotor skills and academic potential. A Career Connections Assessment Center is located on the campus of West Kentucky SVTS.

### Tech Prep

Tech Prep is a combined secondary and postsecondary program of studies that leads to an associate degree or diploma in a vocational-technical field. Marshall County is in the third-year implementation of its tech prep program in Technology, Home Economics and Health Services.

### Adult Education Services

Adult education programs are available to adults who want to develop new skills, or earn a high school equivalency degree. In Marshall County, adult basic education and adult literacy services are provided by the Marshall County Adult Reading Challenge.

### Bluegrass State Skills Corporation

The Bluegrass State Skills Corporation, an independent public corporation created and funded by the Kentucky General Assembly, provides programs of skills training to meet the needs of business and industry from entry level to advanced training, and from upgrading present employees to retraining experienced workers.

The Bluegrass State Skills Corporation is a major source for skills training assistance for a new or existing company. The Corporation works in partnership with other employment and job training resources and programs, as well as Kentucky's economic development activities, to package a program customized to meet the specific needs of a company.

## OTHER LOCAL FACILITIES

### Local Medical Personnel

Physicians - 17  
Dentists - 8

### Hospitals

<u>General Hospitals</u>	<u>Location (Mileage from Benton)</u>	<u>Beds</u>
Marshall County Hospital	Benton	90
Lourdes Hospital	Paducah, (26 miles northwest)	385
Western Baptist Hospital	Paducah, (26 miles northwest)	373

### Other Medical Facilities

Benton Mental Health Center  
Benton Rescue Squad - Disaster Emergency Service  
Calvert City Clinic  
Lee Cox Memorial Hospital Clinic (Calvert City)  
Benton Medical Clinic  
Traylor Clinic  
Marshall County Ambulance Service (Benton and Calvert City)

### Banks and Savings & Loan Associations

The Bank of Benton  
Bank of Marshall County (Benton)  
First Liberty Bank (Calvert City) & (Benton)  
Republic Savings Bank (Benton)

### Newspapers

The Tribune-Courier (weekly)  
The Lake News (weekly)

### Telephone Service

GTE  
South Central Bell Telephone Company  
West Kentucky Rural Telephone Cooperative Corporation, Inc.



## RECREATION

### Local

Benton, Calvert City, and Hardin each provide city parks with tennis courts, athletic fields, and playgrounds. Benton's park offers a swimming pool and skating facilities. Through a Heritage Conservation Recreation Service grant, Calvert City has a football/soccer field and a mini-park which includes a covered bridge, a walkway, and a picnic area. The Joe Creason Community Center is located in Benton. Facilities include meeting rooms, a kitchen, and a multi-purpose basketball court.

Bowling is available at Draffenville, near Benton. Miniature golf is available at Gilbertsville, near Calvert City, and at Aurora, near Hardin. Country clubs with golf courses and swimming pools are located at Benton and Calvert City. Tourist attractions in Marshall County include Forgotten Past, offering a museum, miniature train rides, go-carts, miniature golf, and horseback riding; and Wonder Waters Park, featuring a giant waterslide, bumper boats and other water-related activities.

**Kentucky Dam Village State Resort Park**, near Gilbertsville, is one of the largest and most popular vacation resorts in Kentucky. A modern lodge with 72 rooms, six different cottage types, and a 225-site campground make up the accommodations. There is also a dining room overlooking Kentucky Lake, a coffee shop, a snack bar, two gift shops, a meeting room, an activities center, and a recreation room. Recreational activities to choose from include boating and fishing at the largest docking facility in the Kentucky parks system, golf at the 18-hole Village Green Course, proshop, fishing, hiking, horseback riding, picnicking, swimming at the lodge pool or off the sand beach, and tennis.

Charm and serenity exemplify **Kenlake State Resort Park** which is located on Kentucky Lake near Aurora. The park offers hotel and cottage accommodations and an efficient camping site. Other facilities include a nine-hole golf course, pool and lake swimming, horseback riding, hiking trails, fishing, boating, picnicking, planned recreation, and one of the finest tennis complexes in the area.

### Area (Within 60 miles)

The National Museum of the Boy Scouts  
of America (Murray, Kentucky)  
Lake Barkley State Resort Park  
The Land Between the Lakes National  
Recreation Area  
Pennyrile Forest State Resort Park  
Columbus-Belmont Battlefield State Park  
Players Bluegrass Downs